

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/539,628  
Source: IFwo  
Date Processed by STIC: 2/1/06

***ENTERED***

## CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/539,628

CRF Edit Date: 2/3/06  
Edited by: AN

\_\_\_\_\_ **Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line**

\_\_\_\_\_ **Corrected the SEQ ID NO. Sequence numbers edited were:**

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\_\_\_\_\_ **Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:**

---

\_\_\_\_\_ **Deleted: \_\_\_\_\_ invalid beginning/end-of-file text ; \_\_\_\_\_ page numbers**

\_\_\_\_\_ **Inserted mandatory headings/numeric identifiers, specifically:**

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\_\_\_\_\_ **Moved responses to same line as heading/numeric identifier, specifically:**

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✓ **Other:** corrected global misspelling of 'oligonucleotide'  

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IFWO

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/539,628

DATE: 02/03/2006  
TIME: 17:29:58

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\02032006\J539628.raw

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3 <110> APPLICANT: EVOTEC OAI AG
5 <120> TITLE OF INVENTION: A method for detecting an analyte in a sample
7 <130> FILE REFERENCE: 051082ep
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/539,628
C--> 9 <141> CURRENT FILING DATE: 2005-06-17
9 <150> PRIOR APPLICATION NUMBER: EP 03782468.7
10 <151> PRIOR FILING DATE: 2003-12-19
12 <150> PRIOR APPLICATION NUMBER: EP 02028582.1
13 <151> PRIOR FILING DATE: 2002-12-20
15 <150> PRIOR APPLICATION NUMBER: US 60/439,439
16 <151> PRIOR FILING DATE: 2003-01-13
18 <160> NUMBER OF SEQ ID NOS: 106
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 19
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence:capture
29 oligonucleotide for the c-fos mRNA
31 <220> FEATURE:
32 <221> NAME/KEY: misc_binding
33 <222> LOCATION: (1)
35 <400> SEQUENCE: 1
36 ggctctggtc tgcgatggg 19
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 20
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Description of Artificial Sequence:capture
46 oligonucleotide for the c-fos mRNA
48 <220> FEATURE:
49 <221> NAME/KEY: misc_binding
50 <222> LOCATION: (1)
52 <400> SEQUENCE: 2
53 gggactccga aagggtgagg 20
56 <210> SEQ ID NO: 3
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58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence:capture

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RAW SEQUENCE LISTING DATE: 02/03/2006  
PATENT APPLICATION: US/10/539,628 TIME: 17:29:58

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\02032006\J539628.raw

63 oligonucleotide for the c-fos mRNA  
65 <220> FEATURE:  
66 <221> NAME/KEY: misc\_binding  
67 <222> LOCATION: (1)  
69 <400> SEQUENCE: 3  
70 cctttctct tcttcttctg gagataa 27  
73 <210> SEQ ID NO: 4  
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76 <213> ORGANISM: Artificial Sequence  
78 <220> FEATURE:  
79 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
80 oligonucleotide for the c-fos mRNA  
82 <220> FEATURE:  
83 <221> NAME/KEY: misc\_binding  
84 <222> LOCATION: (1)  
86 <400> SEQUENCE: 4  
87 attcctttcc ctgcggattc t 21  
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92 <212> TYPE: DNA  
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95 <220> FEATURE:  
96 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
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99 <220> FEATURE:  
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104 atctcggtct gcaaaggcaga c 21  
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117 <221> NAME/KEY: misc\_binding  
118 <222> LOCATION: (1)  
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126 <212> TYPE: DNA  
127 <213> ORGANISM: Artificial Sequence  
129 <220> FEATURE:  
130 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
131 oligonucleotide for the c-fos mRNA

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/539,628

DATE: 02/03/2006  
TIME: 17:29:58

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\02032006\J539628.raw

133 <220> FEATURE:  
134 <221> NAME/KEY: misc\_binding  
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141 <210> SEQ ID NO: 8  
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143 <212> TYPE: DNA  
144 <213> ORGANISM: Artificial Sequence  
146 <220> FEATURE:  
147 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
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150 <220> FEATURE:  
151 <221> NAME/KEY: misc\_binding  
152 <222> LOCATION: (1)  
154 <400> SEQUENCE: 8  
155 ccccaagtca atcaagggaa g 21  
158 <210> SEQ ID NO: 9  
159 <211> LENGTH: 22  
160 <212> TYPE: DNA  
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163 <220> FEATURE:  
164 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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167 <220> FEATURE:  
168 <221> NAME/KEY: misc\_binding  
169 <222> LOCATION: (1)  
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172 atgaagttgg cactggagac gg 22  
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177 <212> TYPE: DNA  
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180 <220> FEATURE:  
181 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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184 <220> FEATURE:  
185 <221> NAME/KEY: misc\_binding  
186 <222> LOCATION: (1)  
188 <400> SEQUENCE: 10  
189 atggcagtga ccgtggga 18  
192 <210> SEQ ID NO: 11  
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194 <212> TYPE: DNA  
195 <213> ORGANISM: Artificial Sequence  
197 <220> FEATURE:  
198 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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201 <220> FEATURE:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/539,628

DATE: 02/03/2006  
TIME: 17:29:58

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\02032006\J539628.raw

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203 <222> LOCATION: (1)  
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206 cagggtccgga ctgggtcgag 19  
209 <210> SEQ ID NO: 12  
210 <211> LENGTH: 19  
211 <212> TYPE: DNA  
212 <213> ORGANISM: Artificial Sequence  
214 <220> FEATURE:  
215 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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218 <220> FEATURE:  
219 <221> NAME/KEY: misc\_binding  
220 <222> LOCATION: (1)  
222 <400> SEQUENCE: 12  
223 cgggctgcac cagccactg 19  
226 <210> SEQ ID NO: 13  
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228 <212> TYPE: DNA  
229 <213> ORGANISM: Artificial Sequence  
231 <220> FEATURE:  
232 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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235 <220> FEATURE:  
236 <221> NAME/KEY: misc\_binding  
237 <222> LOCATION: (1)  
239 <400> SEQUENCE: 13  
240 ccagccctgg agtaagcc 18  
243 <210> SEQ ID NO: 14  
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245 <212> TYPE: DNA  
246 <213> ORGANISM: Artificial Sequence  
248 <220> FEATURE:  
249 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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252 <220> FEATURE:  
253 <221> NAME/KEY: misc\_binding  
254 <222> LOCATION: (1)  
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257 ctccctgtcat ggtcttcaca acg 23  
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262 <212> TYPE: DNA  
263 <213> ORGANISM: Artificial Sequence  
265 <220> FEATURE:  
266 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
267 oligonucleotide for the c-fos mRNA  
269 <220> FEATURE:  
270 <221> NAME/KEY: misc\_binding

RAW SEQUENCE LISTING DATE: 02/03/2006  
PATENT APPLICATION: US/10/539,628 TIME: 17:29:58

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\02032006\J539628.raw

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273 <400> SEQUENCE: 15  
274 ccaatgctct gcgctcggc 19  
277 <210> SEQ ID NO: 16  
278 <211> LENGTH: 22  
279 <212> TYPE: DNA  
280 <213> ORGANISM: Artificial Sequence  
282 <220> FEATURE:  
283 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
284 oligonucleotide for the c-fos mRNA  
286 <220> FEATURE:  
287 <221> NAME/KEY: misc\_binding  
288 <222> LOCATION: (1)  
290 <400> SEQUENCE: 16  
291 ctgttccacc ttgcccctcc tg 22  
294 <210> SEQ ID NO: 17  
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296 <212> TYPE: DNA  
297 <213> ORGANISM: Artificial Sequence  
299 <220> FEATURE:  
300 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
301 oligonucleotide for the c-fos mRNA  
303 <220> FEATURE:  
304 <221> NAME/KEY: misc\_binding  
305 <222> LOCATION: (1)  
307 <400> SEQUENCE: 17  
308 ccctcctccg gttgcgg 17  
311 <210> SEQ ID NO: 18  
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313 <212> TYPE: DNA  
314 <213> ORGANISM: Artificial Sequence  
316 <220> FEATURE:  
317 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
318 oligonucleotide for the c-fos mRNA  
320 <220> FEATURE:  
321 <221> NAME/KEY: misc\_binding  
322 <222> LOCATION: (1)  
324 <400> SEQUENCE: 18  
325 cgcttggagt gtatcagtca gct 23  
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329 <211> LENGTH: 24  
330 <212> TYPE: DNA  
331 <213> ORGANISM: Artificial Sequence  
333 <220> FEATURE:  
334 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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337 <220> FEATURE:  
338 <221> NAME/KEY: misc\_binding  
339 <222> LOCATION: (1)

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/539,628

DATE: 02/03/2006

TIME: 17:29:59

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02032006\J539628.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

## **Raw Sequence Listing before editing (for reference only)**



IFWO

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/539,628

DATE: 02/01/2006  
TIME: 11:27:08

Input Set : A:\US10539628 seq list.txt  
Output Set: N:\CRF4\02012006\J539628.raw

3 <110> APPLICANT: EVOTEC OAI AG  
5 <120> TITLE OF INVENTION: A method for detecting an analyte in a sample  
7 <130> FILE REFERENCE: 051082ep  
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/539,628  
C--> 10 <141> CURRENT FILING DATE: 2005-06-17  
12 <150> PRIOR APPLICATION NUMBER: EP 02028582.1  
13 <151> PRIOR FILING DATE: 2002-12-20  
15 <150> PRIOR APPLICATION NUMBER: US 60/439,439  
16 <151> PRIOR FILING DATE: 2003-01-13  
18 <160> NUMBER OF SEQ ID NOS: 106  
20 <170> SOFTWARE: PatentIn Ver. 2.1  
22 <210> SEQ ID NO: 1  
23 <211> LENGTH: 19  
24 <212> TYPE: DNA  
25 <213> ORGANISM: Artificial Sequence  
27 <220> FEATURE:  
28 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
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31 <220> FEATURE:  
32 <221> NAME/KEY: misc\_binding  
33 <222> LOCATION: (1)  
35 <400> SEQUENCE: 1  
36 ggctctggtc tgcgatgg  
39 <210> SEQ ID NO: 2  
40 <211> LENGTH: 20  
41 <212> TYPE: DNA  
42 <213> ORGANISM: Artificial Sequence  
44 <220> FEATURE:  
45 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
46 oligonucleotide for the c-fos mRNA  
48 <220> FEATURE:  
49 <221> NAME/KEY: misc\_binding  
50 <222> LOCATION: (1)  
52 <400> SEQUENCE: 2  
53 gggactccga aagggtgagg  
56 <210> SEQ ID NO: 3  
57 <211> LENGTH: 27  
58 <212> TYPE: DNA  
59 <213> ORGANISM: Artificial Sequence  
61 <220> FEATURE:  
62 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
63 oligonucleotide for the c-fos mRNA  
65 <220> FEATURE:

Does Not Comply  
Corrected Diskette Needed

global misspelling should be  
"oligonucleotide"

19

20

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/539,628

DATE: 02/01/2006

TIME: 11:27:08

Input Set : A:\US10539628 seq list.txt  
Output Set: N:\CRF4\02012006\J539628.raw

66 <221> NAME/KEY: misc\_binding  
67 <222> LOCATION: (1)  
69 <400> SEQUENCE: 3  
70 ccttttctct tcttctctg gagataa 27  
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74 <211> LENGTH: 21  
75 <212> TYPE: DNA  
76 <213> ORGANISM: Artificial Sequence  
78 <220> FEATURE:  
79 <223> OTHER INFORMATION: Description of Artificial Sequence:capture  
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82 <220> FEATURE:  
83 <221> NAME/KEY: misc\_binding  
84 <222> LOCATION: (1)  
86 <400> SEQUENCE: 4  
87 attcccttcc ctccggattc t 21  
90 <210> SEQ ID NO: 5  
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92 <212> TYPE: DNA  
93 <213> ORGANISM: Artificial Sequence  
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101 <222> LOCATION: (1)  
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112 <220> FEATURE:  
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116 <220> FEATURE:  
117 <221> NAME/KEY: misc\_binding  
118 <222> LOCATION: (1)  
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121 ttccttcag cagggtggca 20  
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133 <220> FEATURE:  
134 <221> NAME/KEY: misc\_binding

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/539,628

DATE: 02/01/2006

TIME: 11:27:08

Input Set : A:\US10539628 seq list.txt  
Output Set: N:\CRF4\02012006\J539628.raw

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143 <212> TYPE: DNA  
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146 <220> FEATURE:  
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150 <220> FEATURE:  
151 <221> NAME/KEY: misc\_binding  
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154 <400> SEQUENCE: 8  
155 ccccaagtca gatcaaggaa g 21  
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160 <212> TYPE: DNA  
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163 <220> FEATURE:  
164 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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169 <222> LOCATION: (1)  
171 <400> SEQUENCE: 9  
172 atgaagttgg cactggagac gg 22  
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181 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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184 <220> FEATURE:  
185 <221> NAME/KEY: misc\_binding  
186 <222> LOCATION: (1)  
188 <400> SEQUENCE: 10  
189 atggcagtga ccgtggga 18  
192 <210> SEQ ID NO: 11  
193 <211> LENGTH: 19  
194 <212> TYPE: DNA  
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197 <220> FEATURE:  
198 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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202 <221> NAME/KEY: misc\_binding  
203 <222> LOCATION: (1)

RAW SEQUENCE LISTING DATE: 02/01/2006  
PATENT APPLICATION: US/10/539,628 TIME: 11:27:08

Input Set : A:\US10539628 seq list.txt  
Output Set: N:\CRF4\02012006\J539628.raw

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215 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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219 <221> NAME/KEY: misc\_binding  
220 <222> LOCATION: (1)  
222 <400> SEQUENCE: 12  
223 cgggctgcac cagccactg 19  
226 <210> SEQ ID NO: 13  
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231 <220> FEATURE:  
232 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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236 <221> NAME/KEY: misc\_binding  
237 <222> LOCATION: (1)  
239 <400> SEQUENCE: 13  
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245 <212> TYPE: DNA  
246 <213> ORGANISM: Artificial Sequence  
248 <220> FEATURE:  
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252 <220> FEATURE:  
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260 <210> SEQ ID NO: 15  
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RAW SEQUENCE LISTING DATE: 02/01/2006  
 PATENT APPLICATION: US/10/539,628 TIME: 11:27:08

Input Set : A:\US10539628 seq list.txt  
 Output Set: N:\CRF4\02012006\J539628.raw

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 286 <220> FEATURE:  
 287 <221> NAME/KEY: misc\_binding  
 288 <222> LOCATION: (1)  
 290 <400> SEQUENCE: 16  
 291 ctgttccacc ttgccctcc tg 22  
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 296 <212> TYPE: DNA  
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 299 <220> FEATURE:  
 300 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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 303 <220> FEATURE:  
 304 <221> NAME/KEY: misc\_binding  
 305 <222> LOCATION: (1)  
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 308 ccctcctccg gttgcgg 17  
 311 <210> SEQ ID NO: 18  
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 313 <212> TYPE: DNA  
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 317 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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 320 <220> FEATURE:  
 321 <221> NAME/KEY: misc\_binding  
 322 <222> LOCATION: (1)  
 324 <400> SEQUENCE: 18  
 325 cgcttggagt gtatcagtca gct 23  
 328 <210> SEQ ID NO: 19  
 329 <211> LENGTH: 24  
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 331 <213> ORGANISM: Artificial Sequence  
 333 <220> FEATURE:  
 334 <223> OTHER INFORMATION: Description of Artificial Sequence:detection  
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 338 <221> NAME/KEY: misc\_binding  
 339 <222> LOCATION: (1)  
 341 <400> SEQUENCE: 19  
 342 ccaggatgaa ctctagttt tcct 24

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/539,628

DATE: 02/01/2006

TIME: 11:27:09

Input Set : A:\US10539628 seq list.txt

Output Set: N:\CRF4\02012006\J539628.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date